



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GP 2812
B/Clise

Applicant: Leonard Forbes

Title: IN SERVICE PROGRAMMABLE LOGIC ARRAYS WITH LOW TUNNEL BARRIER
INTERPOLY INSULATORS

Docket No.: 1303.027US1

Serial No.: 09/945,512

Filed: August 30, 2001

Due Date: N/A

Examiner: Richard Booth

Group Art Unit: 2812

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450


We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ A Communication Concerning Related Applications (2 pgs.).
- ☒ A Supplemental Information Disclosure Statement (1 pg.), Form 1449 (1 pg.), and copies of 5 cited documents.


Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

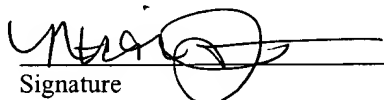
Customer Number 21186

By: 
Atty: Timothy B Clise
Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this ____ day of October, 2004.



Name



Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
(GENERAL)

S/N 09/945,512

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Leonard Forbes

Examiner: Richard Booth

Serial No.: 09/945,512

Group Art Unit: 2812

Filed: August 30, 2001

Docket: 1303.027US1

Title: IN SERVICE PROGRAMMABLE LOGIC ARRAYS WITH LOW TUNNEL
BARRIER INTERPOLY INSULATORS

COMMUNICATION CONCERNING RELATED APPLICATIONS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
10/781,035	February 18, 2004	1303.063US2	GRADED COMPOSITION METAL OXIDE TUNNEL BARRIER INTERPOLY INSULATORS
10/929,916	August 30, 2004	1303.035US2	PROGRAMMABLE ARRAY LOGIC OR MEMORY WITH P-CHANNEL DEVICES AND ASYMMETRICAL TUNNEL BARRIERS
10/931,704	September 1, 2004	1303.014US2	FLASH MEMORY WITH LOW TUNNEL BARRIER INTERPOLY INSULATORS
10/929,986	August 30, 2004	1303.045US2	ATOMIC LAYER DEPOSITION OF METAL OXIDE AND/OR LOW ASYMMETRICAL TUNNEL BARRIER INTERPOLY INSULATORS
10/931,711	September 1, 2004	1303.029US2	PROGRAMMABLE MEMORY ADDRESS AND DECODE CIRCUITS WITH LOW TUNNEL BARRIER INTERPOLY INSULATORS
10/931,540	August 31, 2004	1303.020US2	PROGRAMMABLE ARRAY LOGIC OR MEMORY DEVICES WITH ASYMMETRICAL TUNNEL BARRIERS

COMMUNICATION CONCERNING RELATED APPLICATIONS

Serial Number: 09/945,512

Filing Date: August 30, 2001

Title: IN SERVICE PROGRAMMABLE LOGIC ARRAYS WITH LOW TUNNEL BARRIER INTERPOLY INSULATORS

Page 2

Dkt: 1303.027US1

Respectfully submitted,

LEONARD FORBES

By Applicant's Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. Box 2938

Minneapolis, MN 55402

(612) 349-9587

Date

15 Oct '04


By


Timothy B. Clise

Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 15 day of October, 2004.

Name



Signature



S/N 09/945,512

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Leonard Forbes	Examiner:	Richard Booth
Serial No.:	09/945,512	Group Art Unit:	2812
Filed:	August 30, 2001	Docket:	1303.027US1
Title:	IN SERVICE PROGRAMMABLE LOGIC ARRAYS WITH LOW TUNNEL BARRIER INTERPOLY INSULATORS		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

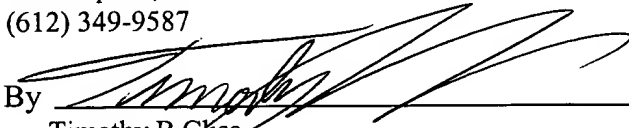
Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

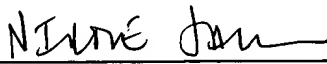
Respectfully submitted,
LEONARD FORBES

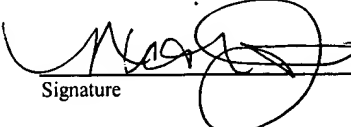
By his Representatives,
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 349-9587

Date 15 Oct '04

By 
Timothy B Chise
Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 15 day of October, 2004.

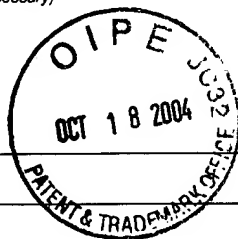

Name


Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 1

Complete if Known

Application Number	09/945,512
Filing Date	August 30, 2001
First Named Inventor	Forbes, Leonard
Group Art Unit	2812
Examiner Name	Booth, Richard

Attorney Docket No: 1303.027US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date if Appropriate
	US-5,474,947	12/12/1995	Chang, K. , et al.	438	257	12/27/1993
	US-6,009,011	12/28/1999	Yamauchi, Y.	365	185.01	12/24/1997
	US-6,317,364	11/13/2001	Guterman, D. C., et al.	365	185.28	10/13/2000
	US-6,341,084	01/22/2002	Numata, H. , et al.	365	158	05/15/2001
	US-6,754,108	06/22/2004	Forbes, L.	365	185.25	08/30/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
--------------------	---------------------	------------------	---	-------	----------	----------------

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
--------------------	----------------------	---	----------------

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached